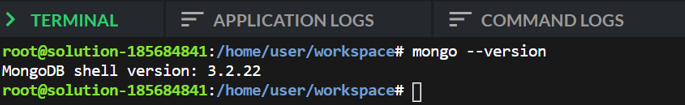
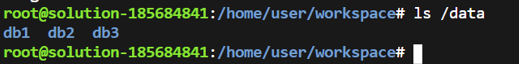
**Course-end Project 2 - Call Data Distribution in MongoDB cluster**

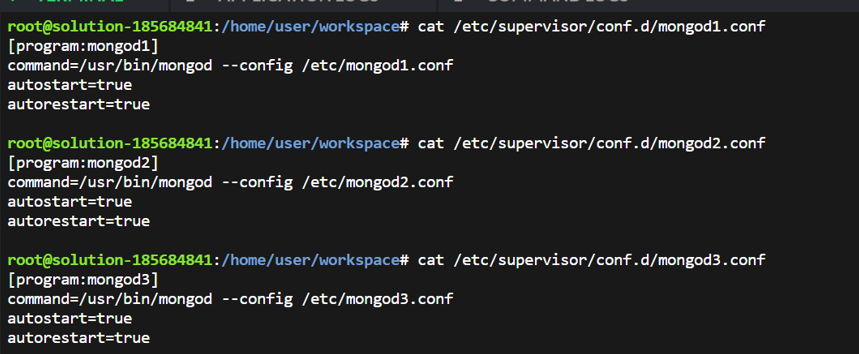
* **Install mongo v3.2 on the virtual machine from apt repo.**

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* **Create the data directories at the below locations:**

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* **All the three mongod processes should be running using supervisord. This is required to ensure that the mongod processes start at the boot time.**

****

* **Deploy a replica set. The above mongod processes should have the replica set name as configReplSet**

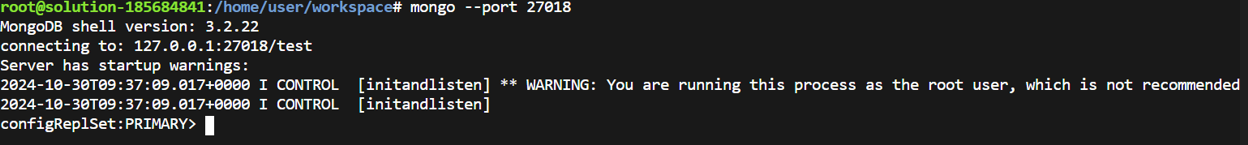
**A computer screen with text

Description automatically generated**

**A black screen with white text

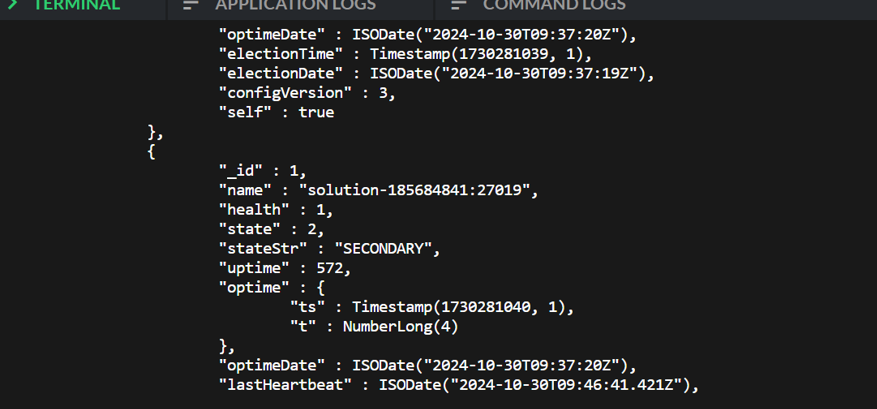
Description automatically generated**

* **Connect to an instance and check output of 'rs.status()'. It should return an array of three nodes.**

****

**A computer screen with white text

Description automatically generated**

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**A computer screen shot of a program

Description automatically generated**

**A computer screen shot of a program

Description automatically generated**

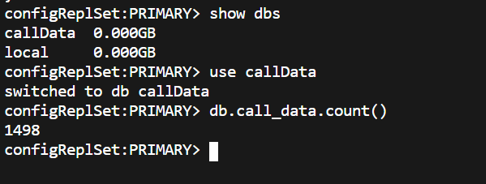
* **All three nodes should be healthy, two should be SECONDARY and one should be PRIMARY.**

Above screenshots clearly mention One primary node and two secondary nodes and they are in healthy state.

* **If the current node is not primary, disconnect and connect to primary node**

We are connected to port 27018 which happens to be the primary node. 27019 and 27020 are secondary nodes.

* **Import the data dump in the cluster and check the  count of documents in the collection.**

****

**We can see the count of records in call\_data collection: 1498**